FIG. 1

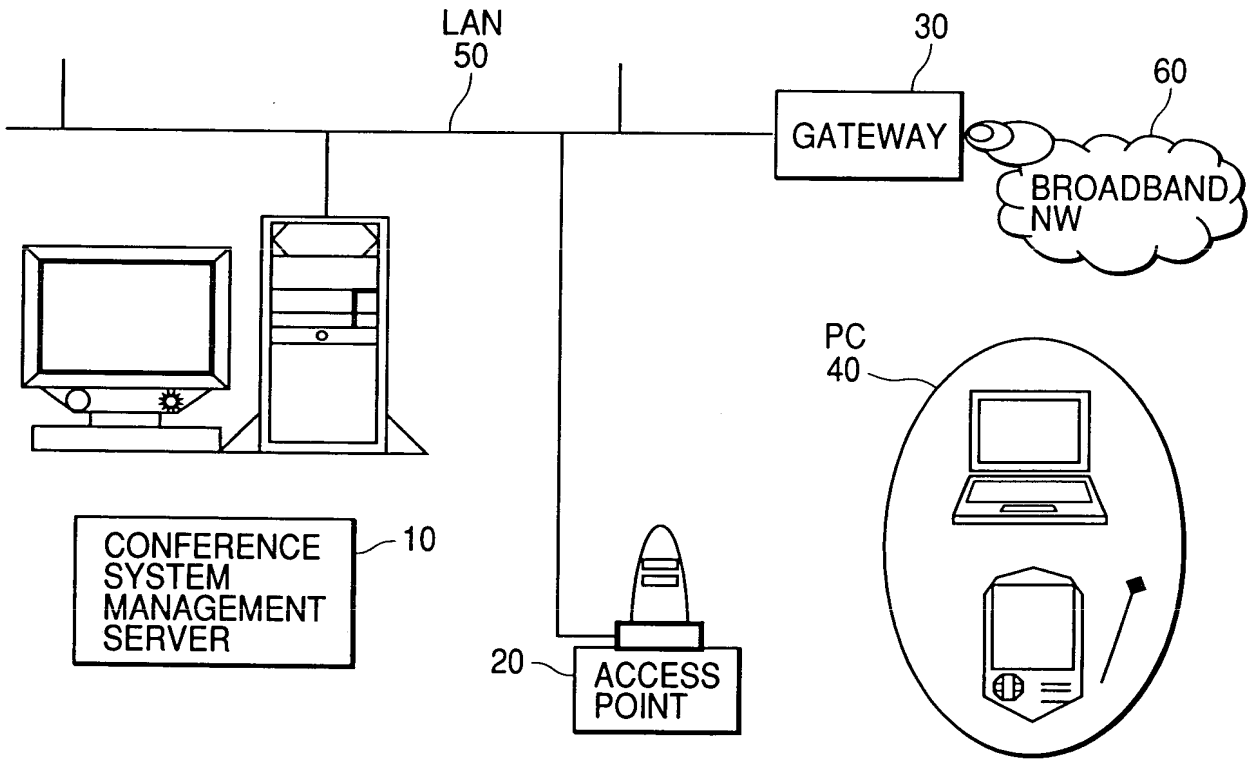

WC1 : WIRELESS COMMUNICATION SYSTEM
LAN
50
30
60
GATEWAY
BROADBAND
NW
PC
40
CONFERENCE
SYSTEM
MANAGEMENT
SERVER
10
20
ACCESS
POINT

FIG. 2

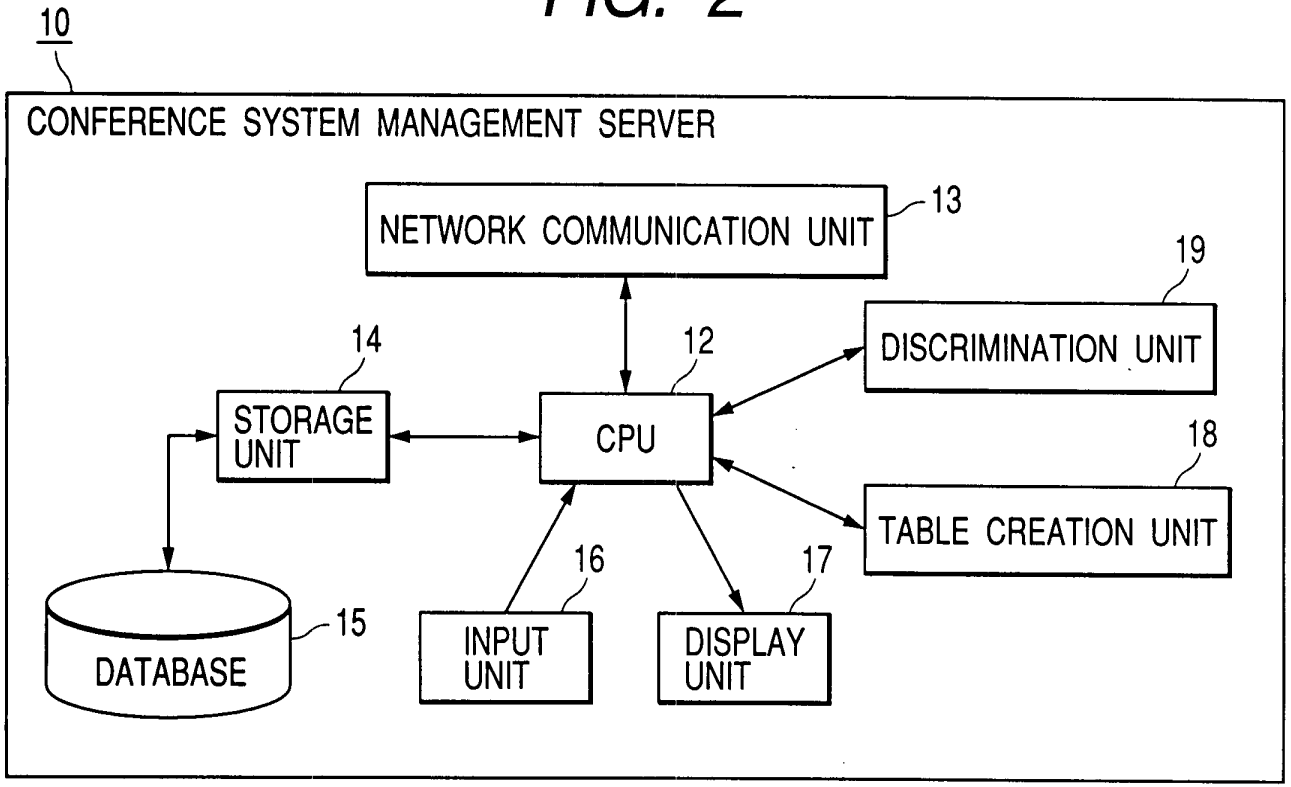

10
CONFERENCE SYSTEM MANAGEMENT SERVER
NETWORK COMMUNICATION UNIT
13
19
DISCRIMINATION UNIT
14
12
STORAGE UNIT
CPU
18
TABLE CREATION UNIT
16
17
15
DATABASE
INPUT UNIT
DISPLAY UNIT

FIG. 3

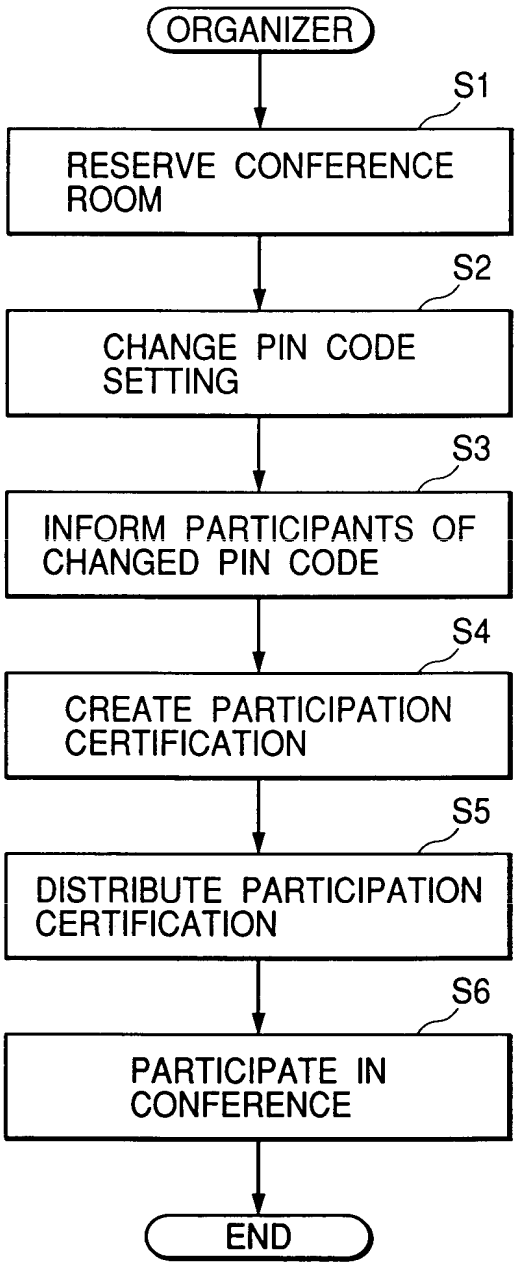

ORGANIZER
S1
RESERVE CONFERENCE ROOM
S2
CHANGE PIN CODE SETTING
S3
INFORM PARTICIPANTS OF CHANGED PIN CODE
S4
CREATE PARTICIPATION CERTIFICATION
S5
DISTRIBUTE PARTICIPATION CERTIFICATION
S6
PARTICIPATE IN CONFERENCE
END

FIG. 4

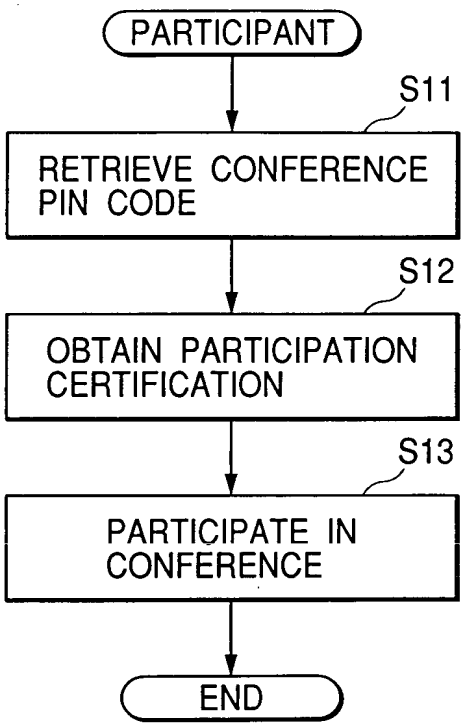

PARTICIPANT
S11
RETRIEVE CONFERENCE PIN CODE
S12
OBTAIN PARTICIPATION CERTIFICATION
S13
PARTICIPATE IN CONFERENCE
END

FIG. 5

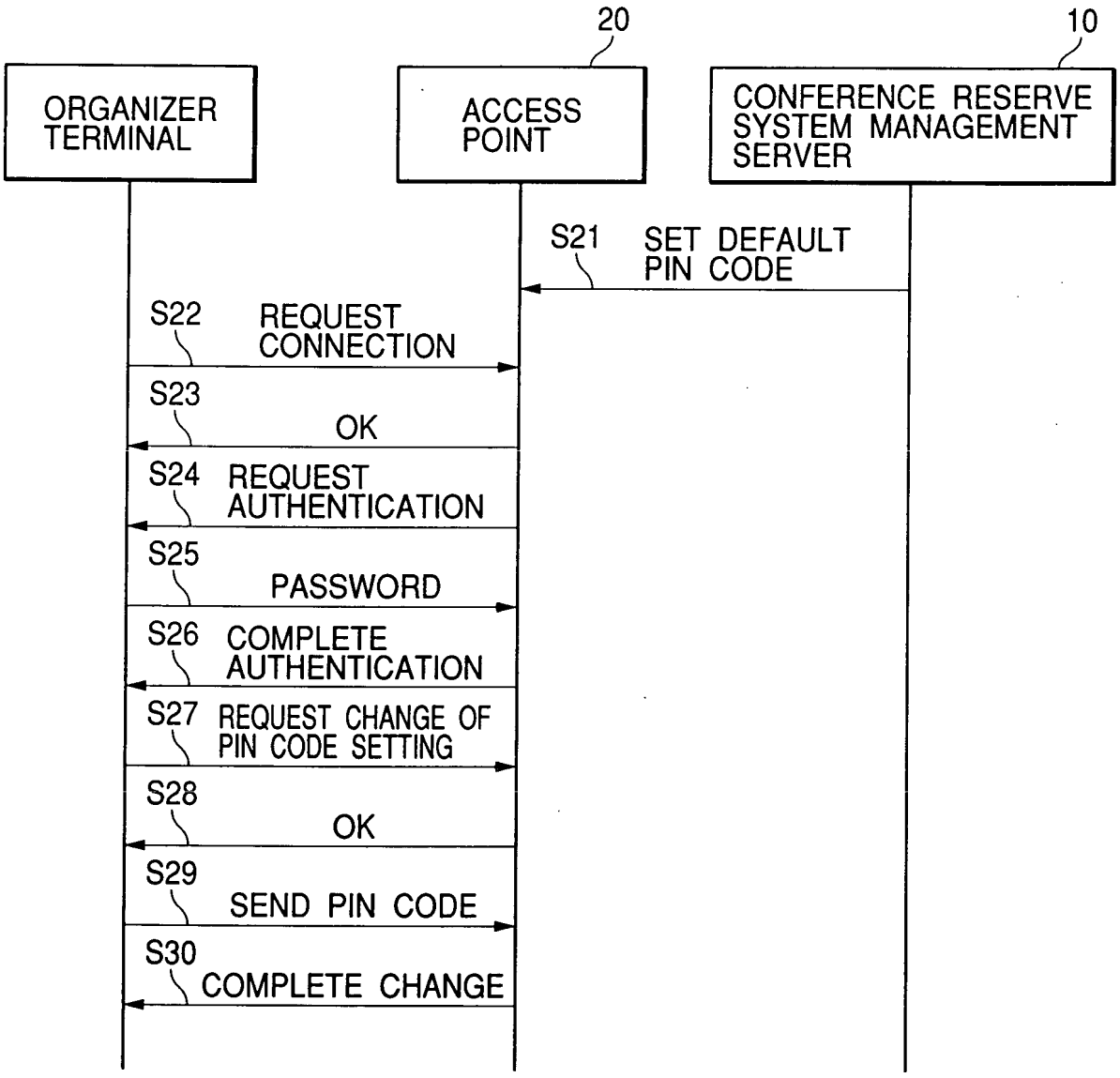

20
10
ORGANIZER TERMINAL
ACCESS POINT
CONFERENCE RESERVE SYSTEM MANAGEMENT SERVER
S21 SET DEFAULT PIN CODE
S22 REQUEST CONNECTION
S23 OK
S24 REQUEST AUTHENTICATION
S25 PASSWORD
S26 COMPLETE AUTHENTICATION
S27 REQUEST CHANGE OF PIN CODE SETTING
S28 OK
S29 SEND PIN CODE
S30 COMPLETE CHANGE

FIG. 6

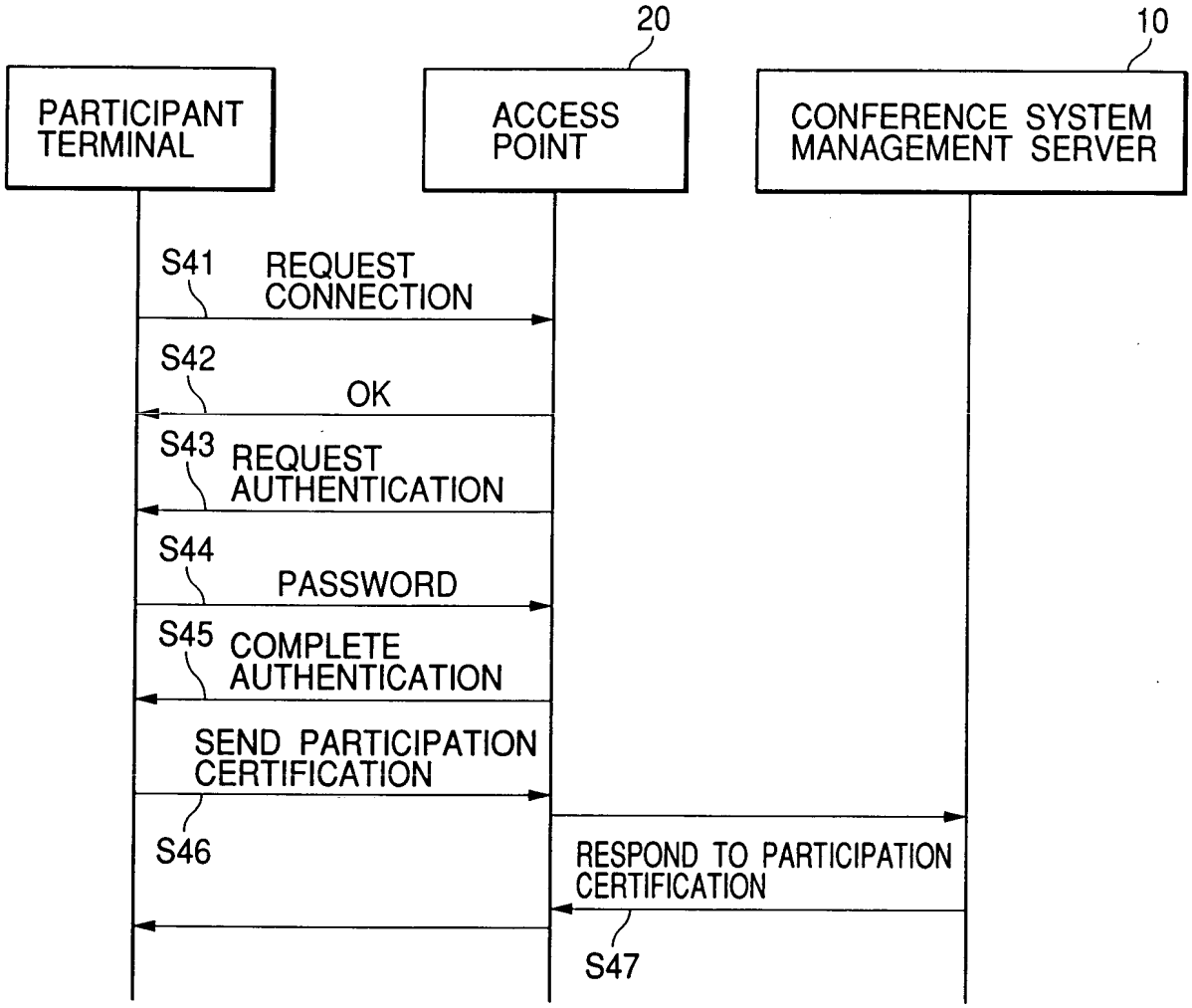

20
10
PARTICIPANT TERMINAL
ACCESS POINT
CONFERENCE SYSTEM MANAGEMENT SERVER
S41
REQUEST CONNECTION
S42
OK
S43
REQUEST AUTHENTICATION
S44
PASSWORD
S45
COMPLETE AUTHENTICATION
SEND PARTICIPATION CERTIFICATION
S46
RESPOND TO PARTICIPATION CERTIFICATION
S47

FIG. 7

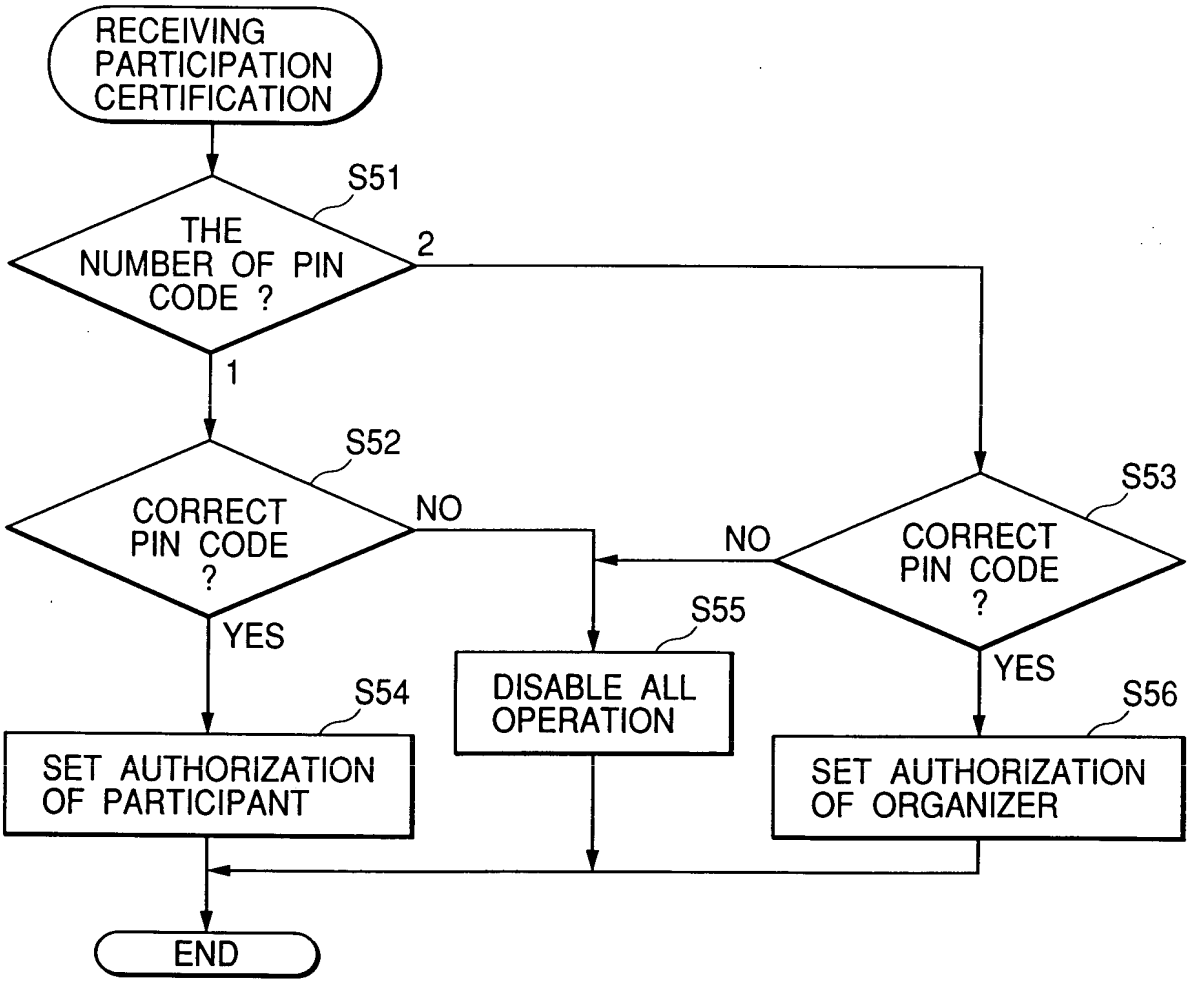
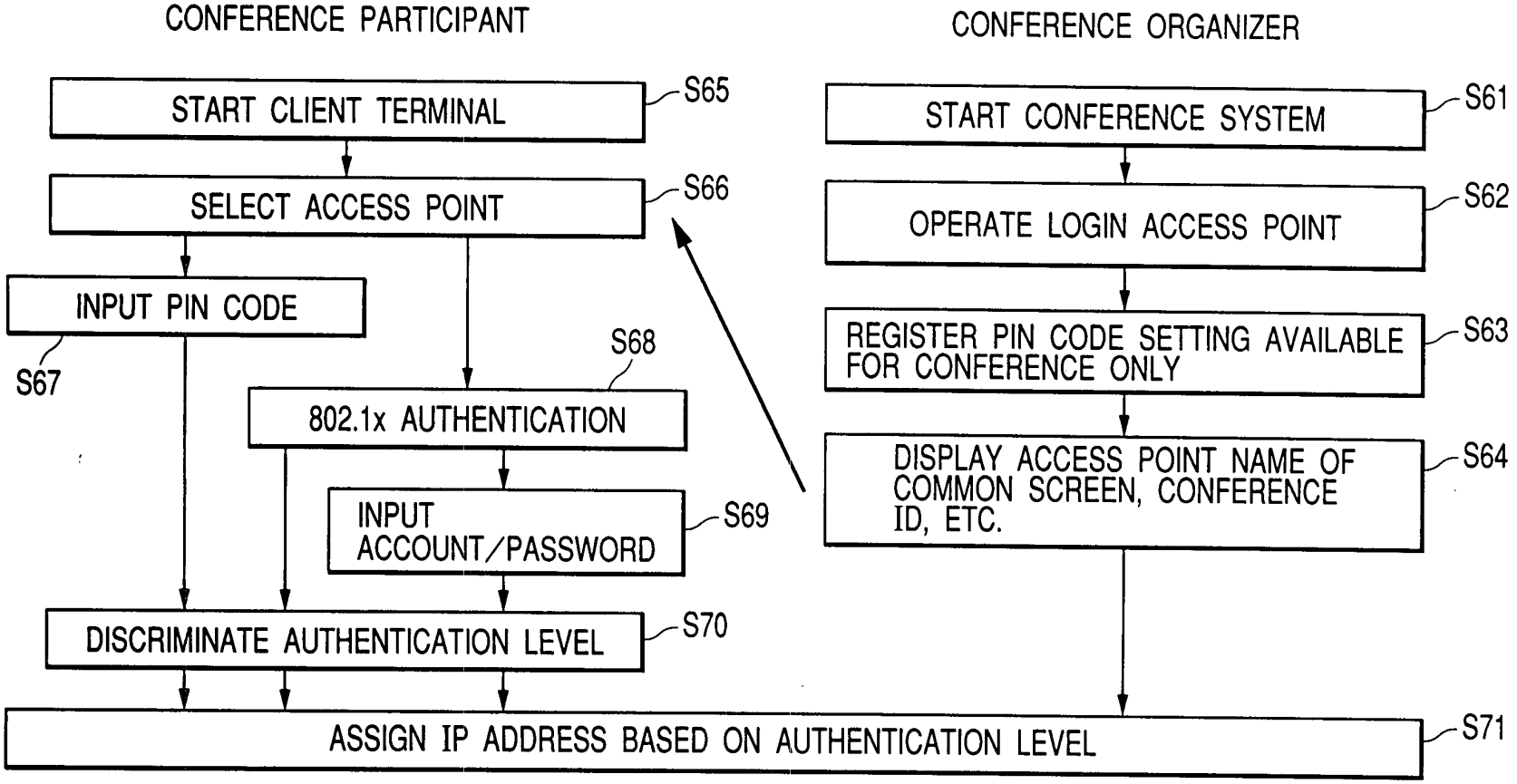

RECEIVING PARTICIPATION CERTIFICATION
S51
THE NUMBER OF PIN CODE ?
2
1
S52
CORRECT PIN CODE ?
NO
YES
S53
CORRECT PIN CODE ?
NO
YES
S55
DISABLE ALL OPERATION
S54
SET AUTHORIZATION OF PARTICIPANT
S56
SET AUTHORIZATION OF ORGANIZER
END

FIG. 8

| FUNCTION | ORGANIZER | PARTICIPANT |
|---|---|---|
| BROWSE FILE | ○ | ○ |
| COPY FILE | ○ | × |
| DELETE FILE | ○ | × |
| PRINT FILE | ○ | × |
| CHANGE FILE NAME | ○ | × |
| OVERWRITE FILE | ○ | × |
| SAVE FILE | ○ | × |
| | | |
| | | |
| BROWSE NET | ○ | △ |
| CHANGE IP ADDRESS | ○ | × |
| CHANGE PIN CODE | ○ | × |
| SEND AND RECEIVE MAIL | ○ | × |
| | | |
| | | |

FIG. 9


CONFERENCE PARTICIPANT
CONFERENCE ORGANIZER
START CLIENT TERMINAL
S65
START CONFERENCE SYSTEM
S61
SELECT ACCESS POINT
S66
OPERATE LOGIN ACCESS POINT
S62
INPUT PIN CODE
S67
S68
REGISTER PIN CODE SETTING AVAILABLE FOR CONFERENCE ONLY
S63
802.1x AUTHENTICATION
DISPLAY ACCESS POINT NAME OF COMMON SCREEN, CONFERENCE ID, ETC.
S64
INPUT ACCOUNT/PASSWORD
S69
DISCRIMINATE AUTHENTICATION LEVEL
S70
ASSIGN IP ADDRESS BASED ON AUTHENTICATION LEVEL
S71